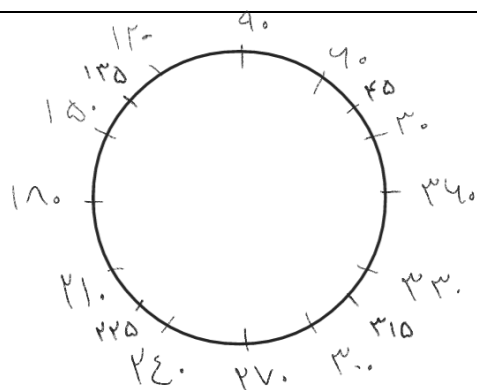
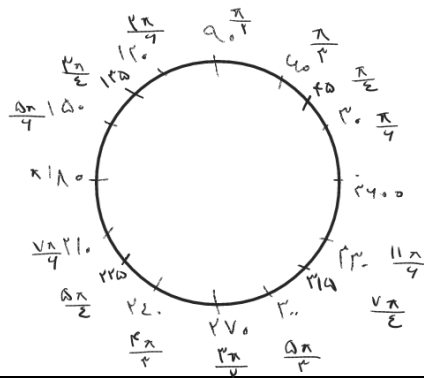


نام و نام خانوادگی پریناز دهقان پاسخنامه تشریحی تکلیف شماره ۲ کلاس

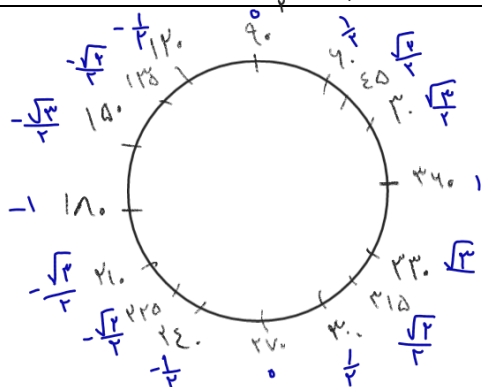
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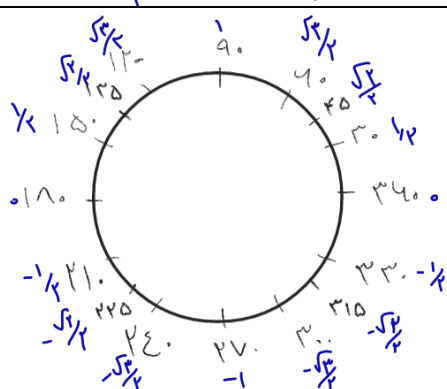
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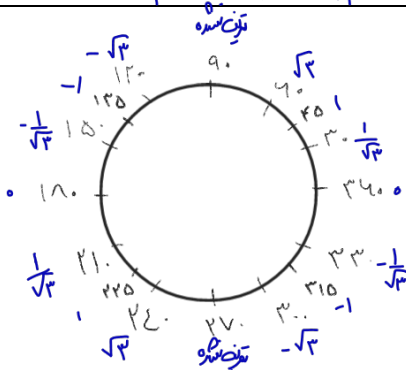
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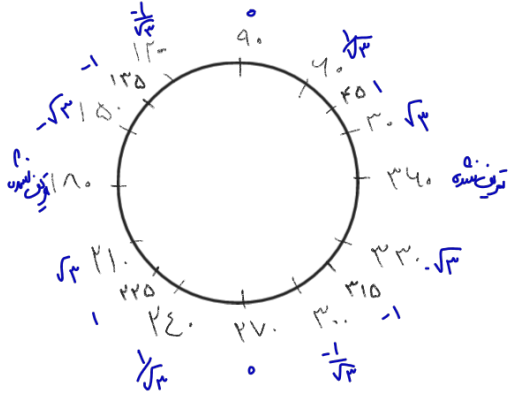
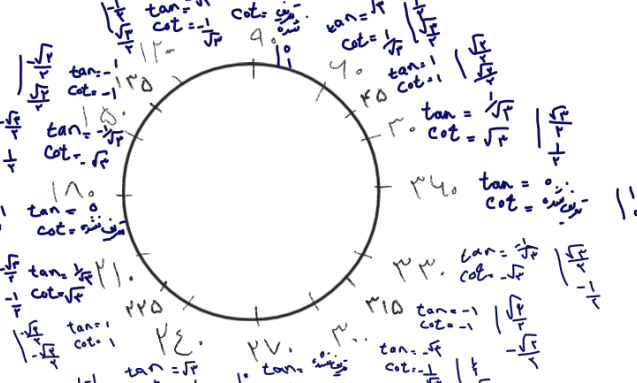


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	6
	7
$\sin 135^\circ = \frac{\sqrt{2}}{2} \leadsto \sin 45^\circ = \frac{\sqrt{2}}{2} \quad (\text{الف})$ $\cos 135^\circ = -\frac{\sqrt{2}}{2} \leadsto \cos 45^\circ = \frac{\sqrt{2}}{2} \quad (\text{ب})$ $\tan 135^\circ = \frac{-\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1 \quad \tan 45^\circ = \frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = 1 \quad (\text{ج})$ $\cot 135^\circ = \frac{-\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1 \quad \cot 45^\circ = \frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = 1 \quad (\text{د})$	8
$\cos \frac{5\pi}{4} = -\frac{1}{2} \leadsto -\frac{1}{2} = \sin 110^\circ \leadsto \sin \frac{11\pi}{4} \quad (\text{الف})$ $\cos \frac{11\pi}{4} = \frac{\sqrt{2}}{2} \leadsto \frac{\sqrt{2}}{2} = \sin 135^\circ \leadsto \sin \frac{3\pi}{4} \quad (\text{ب})$	9
$\cot \frac{5\pi}{4} = \frac{-\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = -1 \quad \cos \frac{11\pi}{4} = -1 \quad (\text{الف})$ $= \cos 180^\circ = \frac{\sqrt{2}}{2} \leadsto \begin{cases} \sin 135^\circ \\ \sin 45^\circ \end{cases} \quad (\text{ب})$	10